

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S325	40	("20020067401" "20020171692" "20020171692" "20020180834" "20020191049" "20030113148" "20040090468" "4577585" "4587894" "4587898" "5187501" "5200777" "5978555" "6068370" "6135586" "6249301" "6354212" "6354212" "6554511" "6575546" "6830317").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:45
S327	138	(US-20010014236-\$ or US-20020067401-\$ or US-20030113148-\$ or US-20030178165-\$ or US-20020180834-\$ or US-20020191049-\$ or US-20010017089-\$ or US-20030197752-\$ or US-20020001006-\$ or US-20050156955-\$ or US-20050156954-\$ or US-20050156953-\$ or US-20050158108-\$ or US-20030214566-\$ or US-20050158104-\$ or US-20040207688-\$ or US-20050157150-\$ or US-20050155252-\$ or US-20050071040-\$ or US-20020171692-\$ or US-20040047665-\$ or US-20020071682-\$ or US-20040090468-\$ or US-20040120008-\$ or US-20020118990-\$).did. or (US-4530472-\$ or US-5200777-\$ or US-6075958-\$ or US-5655452-\$ or US-6832831-\$ or US-4911070-\$ or US-6249301-\$ or US-6068370-\$ or US-6290349-\$ or US-5534896-\$ or US-6435117-\$ or US-6454378-\$ or US-6830317-\$ or US-6135586-\$ or US-6575555-\$ or US-5302037-\$ or US-4215609-\$ or US-6097925-\$ or US-6416167-\$ or US-6554511-\$ or US-5989380-\$ or US-6074054-\$ or US-6802663-\$ or US-6536894-\$ or US-6944970-\$ or US-6068374-\$).did. or (US-5187501-\$ or US-6575546-\$ or US-4577585-\$ or US-5001500-\$ or US-6390618-\$ or US-6920606-\$ or US-6354212-\$ or US-6561607-\$ or US-6412990-\$ or US-6412902-\$ or US-6406110-\$ or US-6974267-\$ or US-5978555-\$ or US-6108070-\$).did. or (US-3308919-\$ or US-2329469-\$).did. or (JP-2001088385-\$ or JP-2003203271-\$ or JP-60244738-\$).did. or (WO-9904368-\$ or US-6041600-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:46

## EAST Search History

S326	72	(US-20010014236-\$ or US-20020067401-\$ or US-20030113148-\$ or US-20030178165-\$ or US-20020180834-\$ or US-20020191049-\$ or US-20010017089-\$ or US-20030197752-\$ or US-20020001006-\$ or US-20050156955-\$ or US-20050156954-\$ or US-20050156953-\$ or US-20050158108-\$ or US-20030214566-\$ or US-20050158104-\$ or US-20040207688-\$ or US-20050157150-\$ or US-20050155252-\$ or US-20050071040-\$ or US-20020171692-\$ or US-20040047665-\$ or US-20020071682-\$ or US-20040090468-\$ or US-20040120008-\$ or US-20020118990-\$).did. or (US-4530472-\$ or US-5200777-\$ or US-6075958-\$ or US-5655452-\$ or US-6832831-\$ or US-4911070-\$ or US-6249301-\$ or US-6068370-\$ or US-6290349-\$ or US-5534896-\$ or US-6435117-\$ or US-6454378-\$ or US-6830317-\$ or US-6135586-\$ or US-6575555-\$ or US-5302037-\$ or US-4215609-\$ or US-6097925-\$ or US-6416167-\$ or US-6554511-\$ or US-5989380-\$ or US-6074054-\$ or US-6802663-\$ or US-6536894-\$ or US-6944970-\$ or US-6068374-\$).did. or (US-5187501-\$ or US-6575546-\$ or US-4577585-\$ or US-5001500-\$ or US-6390618-\$ or US-6920606-\$ or US-6354212-\$ or US-6561607-\$ or US-6412990-\$ or US-6412902-\$ or US-6406110-\$ or US-6974267-\$ or US-5978555-\$ or US-6108070-\$).did. or (US-3308919-\$ or US-2329469-\$).did. or (JP-2001088385-\$ or JP-2003203271-\$ or JP-60244738-\$).did. or (WO-9904368-\$ or US-6041600-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/09/01 06:46
S328	1657	347/14.ccls. OR 347/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:57
S324	356	347/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:57

## EAST Search History

S331	138	(US-20010014236-\$ or US-20020067401-\$ or US-20030113148-\$ or US-20030178165-\$ or US-20020180834-\$ or US-20020191049-\$ or US-20010017089-\$ or US-20030197752-\$ or US-20020001006-\$ or US-20050156955-\$ or US-20050156954-\$ or US-20050156953-\$ or US-20050158108-\$ or US-20030214566-\$ or US-20050158104-\$ or US-20040207688-\$ or US-20050157150-\$ or US-20050155252-\$ or US-20050071040-\$ or US-20020171692-\$ or US-20040047665-\$ or US-20020071682-\$ or US-20040090468-\$ or US-20040120008-\$ or US-20020118990-\$).did. or (US-4530472-\$ or US-5200777-\$ or US-6075958-\$ or US-5655452-\$ or US-6832831-\$ or US-4911070-\$ or US-6249301-\$ or US-6068370-\$ or US-6290349-\$ or US-5534896-\$ or US-6435117-\$ or US-6454378-\$ or US-6830317-\$ or US-6135586-\$ or US-6575555-\$ or US-5302037-\$ or US-4215609-\$ or US-6097925-\$ or US-6416167-\$ or US-6554511-\$ or US-5989380-\$ or US-6074054-\$ or US-6802663-\$ or US-6536894-\$ or US-6944970-\$ or US-6068374-\$).did. or (US-5187501-\$ or US-6575546-\$ or US-4577585-\$ or US-5001500-\$ or US-6390618-\$ or US-6920606-\$ or US-6354212-\$ or US-6561607-\$ or US-6412990-\$ or US-6412902-\$ or US-6406110-\$ or US-6974267-\$ or US-5978555-\$ or US-6108070-\$).did. or (US-3308919-\$ or US-2329469-\$).did. or (JP-2001088385-\$ or JP-2003203271-\$ or JP-60244738-\$).did. or (WO-9904368-\$ or US-6041600-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:58
S330	40	("20020067401" "20020171692" "20020171692" "20020180834" "20020191049" "20030113148" "20040090468" "4577585" "4587894" "4587898" "5187501" "5200777" "5978555" "6068370" "6135586" "6249301" "6354212" "6354212" "6554511" "6575546" "6830317").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:58
S329	356	347/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 06:58
S334	3	"20020154189".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 07:22
S333	3	"20020154189"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 07:22

## EAST Search History

S332	1	((print\$head OR (print NEAR head) OR (ink NEAR (nozzle OR jet))) SAME (((media OR paper OR web OR roll) NEAR (path OR direction OR movement))) SAME (mount\$4 OR rail\$3 OR slidable OR movable) NEAR (across OR perpendicular OR traverse OR orthogonal)) AND (S331 OR S330 OR S329 OR S328)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 07:25
S336	1	((print\$head OR (print NEAR head) OR (ink NEAR (nozzle OR jet))) SAME (((media OR paper OR web OR roll) NEAR (path OR direction OR movement))) SAME (mount\$4 OR rail\$3 OR slidable OR movable OR position\$4) NEAR (across OR perpendicular OR traverse OR orthogonal)) AND (S331 OR S330 OR S329 OR S328)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 07:41
S337	15	((print\$head OR (print NEAR head) OR (ink NEAR (nozzle OR jet))) SAME (((media OR paper OR web OR roll) NEAR (path OR direction OR movement))) SAME (mount\$4 OR rail\$3 OR slidable OR movable OR position\$4) NEAR (across OR perpendicular OR traverse OR orthogonal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 08:21
L3	2713	(dispens\$3 OR exit) SAME slot SAME (web OR wall\$paper OR roll) SAME (package OR core OR box)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 15:04
L4	140	(wall\$paper OR printer) SAME (cabinet AND print\$head)	US-PGPUB; USPAT	OR	ON	2006/09/01 15:05
S124	686	(dispens\$3 OR exit) SAME slot SAME (web OR wall\$paper OR roll) SAME (package OR core OR box) SAME machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 15:06
L5	687	(dispens\$3 OR exit) SAME slot SAME (web OR wall\$paper OR roll) SAME (package OR core OR box) SAME machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/01 15:06